



Indiana Department of Environmental Management  
Office of Water Quality  
Wetlands Section

Publication Date:

June 13, 2011

Closing Date:

July 5, 2011

IDEM ID Number:

2011-252-54-JWR-A

Corps of Engineers ID Number:

LRL-2011-360-sjm

## PUBLIC NOTICE

**To all interested parties:** This letter shall serve as a formal notice of the receipt of an application for **Section 401 Water Quality Certification** by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for water quality certification under Section 401 of the Clean Water Act (33 U.S.C. § 1341) and to solicit comments and information on any impacts to water quality related to the proposed project. IDEM will evaluate whether the project complies with Indiana's water quality standards as set forth at 327 IAC 2.

**1. Applicant:** Mr. Thomas Warrner  
Indiana Department of Transportation  
100 N Senate Avenue, Room N642  
Indianapolis, IN 46204

**2. Agent:** Ms. Rebecca Camarata  
Indiana Department of Transportation  
100 N Senate Avenue, Room N901-CVD  
Indianapolis, IN 46204

**3. Project location:** Section 18, Township 19 North, Range 4 West, Montgomery County, Crawfordsville USGS Quad.  
The project is located on I-74 at the Black Creek Bridge approximately 1 mile west of US 231.

**4. Affected waterbody:** Black Creek

**5. Project Description:** The applicant proposes to install scour protection measures around the footings of the bridge piers. The project will require the discharge of riprap below the ordinary high water mark along 172 linear feet of stream channel. Total area filled by the project is 0.097 acre. Portions of the riprap will fill the low flow channel. As compensatory mitigation you will remove sediment and move the low flow channel over. It is also proposed to use temporary stone causeways for construction access. Additional information can be viewed at the following webpage address: <http://www.in.gov/idem/6392.htm>.

**Comment period:** Any person or entity who wishes to submit comments or information relevant to the aforementioned project may do so by the closing date noted above. Only comments or information related to water quality or potential impacts of the project on water quality can be considered by IDEM in the water quality certification review process.

**Public Hearing:** Any person may submit a written request that a public hearing be held to consider issues related to water quality in connection with the project detailed in this notice. The request for a hearing should be submitted within the comment period to be considered timely. The request should also state the reason for the public hearing as specifically as possible to assist IDEM in determining whether a public hearing is warranted.

**Questions?** Additional information may be obtained from Mr. Jason Randolph, Project Manager, at 317-233-0467. Please address all correspondence to the project manager and reference the IDEM project identification number listed on this notice. Indicate if you wish to receive a copy of IDEM's final decision. Written comments and inquiries may be forwarded to -

Indiana Department of Environmental Management  
100 North Senate Avenue  
MC65-42 WQS IGCN 1255  
Indianapolis, Indiana 46204-2251  
FAX: 317/232-8406



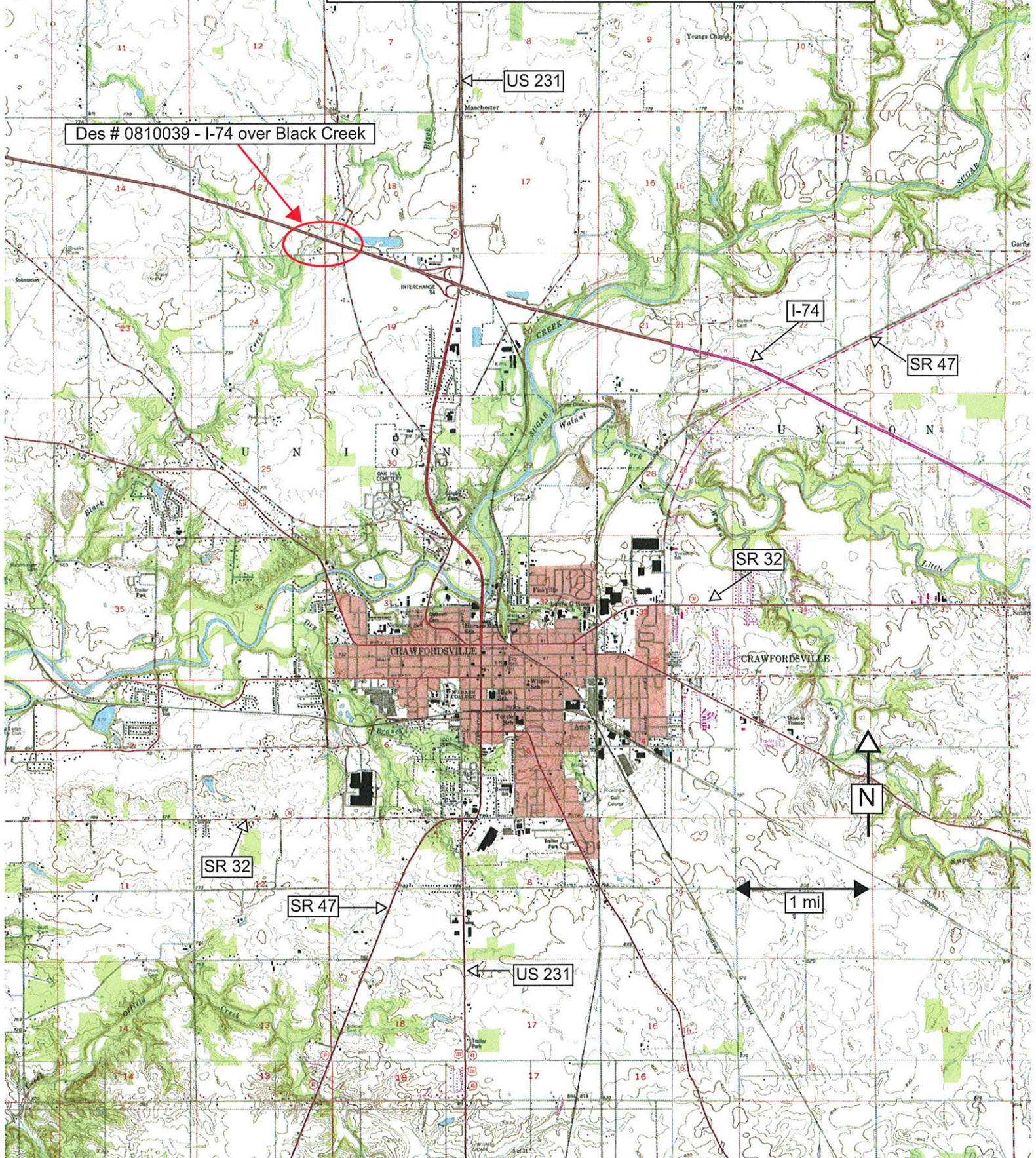
#### 6-4: Project Location Map

Applicant Name: INDOT

Agent Name: Rebecca Camarata

Project Title: Des #: 0810039 - I-74 over Black Creek

Date: August 26, 2010





# Photo Orientation Map

Applicant: INDOT

Agent: Rebecca Camarata

Project: Des # 0810039 - I-74 over Black Creek

Date: Pictures taken May 12, 2009 & August 26, 2010

Flow Direction

1  
6  
9  
5  
3  
4, 8  
2, 7  
10

I-74 @ RP 32.71

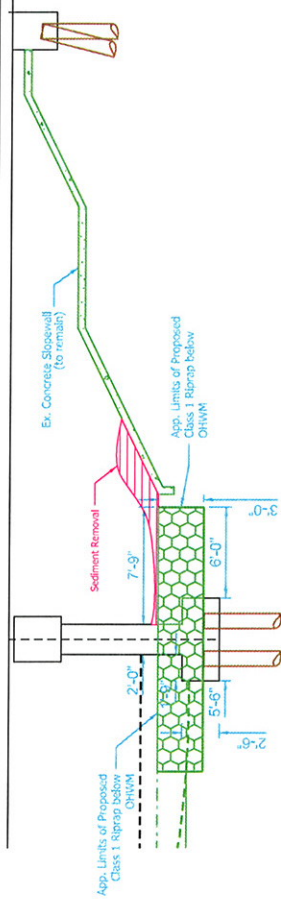
0 250 500 ft

margin of error is inherent in all maps. This product is distributed "AS-IS" without warranties of  
pose or use. There is no attempt in either design or production of this map to define the limits or  
of a single site may differ from this map.

Scale 1:2400



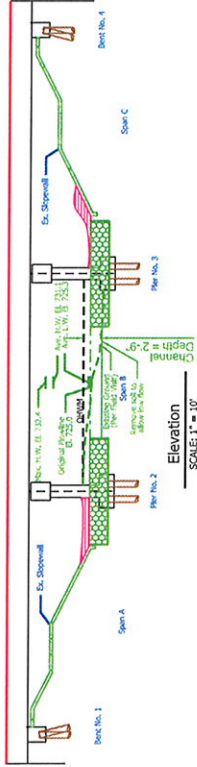
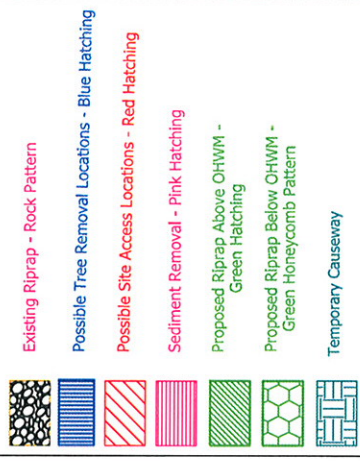
Project: Des # 0810039 - I-74 over Black Creek  
 Applicant: INDOT  
 Agent: Rebecca Camarata  
 Date: November 10, 2010



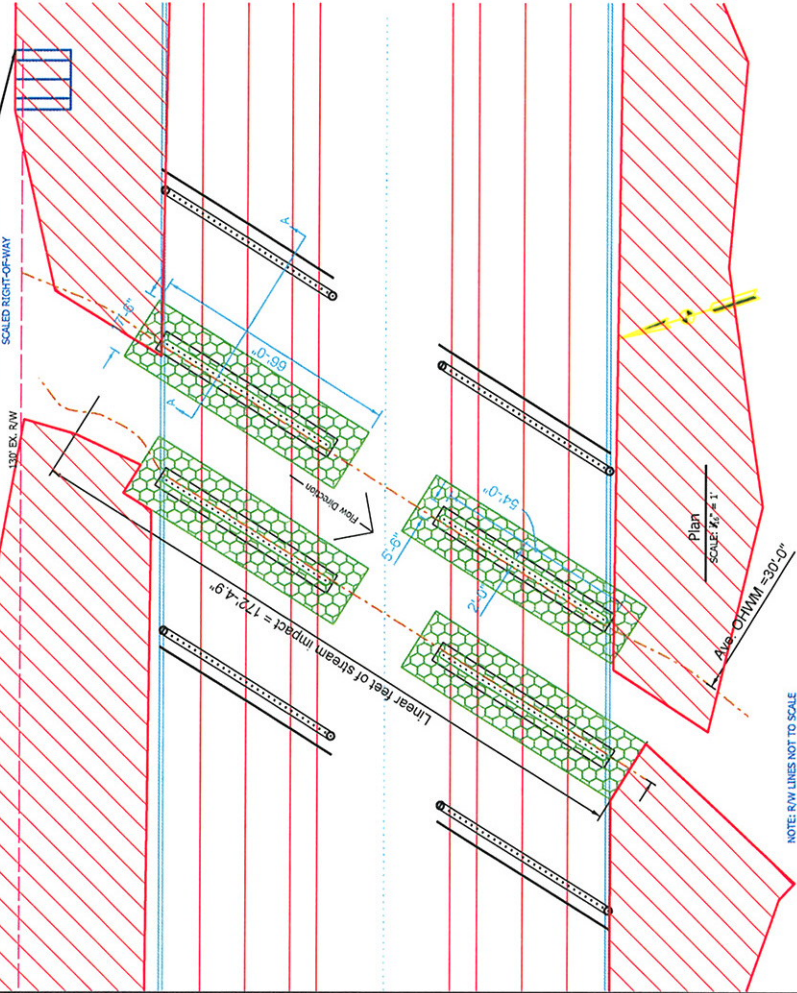
**SECTION A-A**

Bent No. 1 & 4 Detail  
 Pier # 2 & 3 Detail  
 SCALE: 1" = 1'

Temporary Causeways not required if constructed at low flow



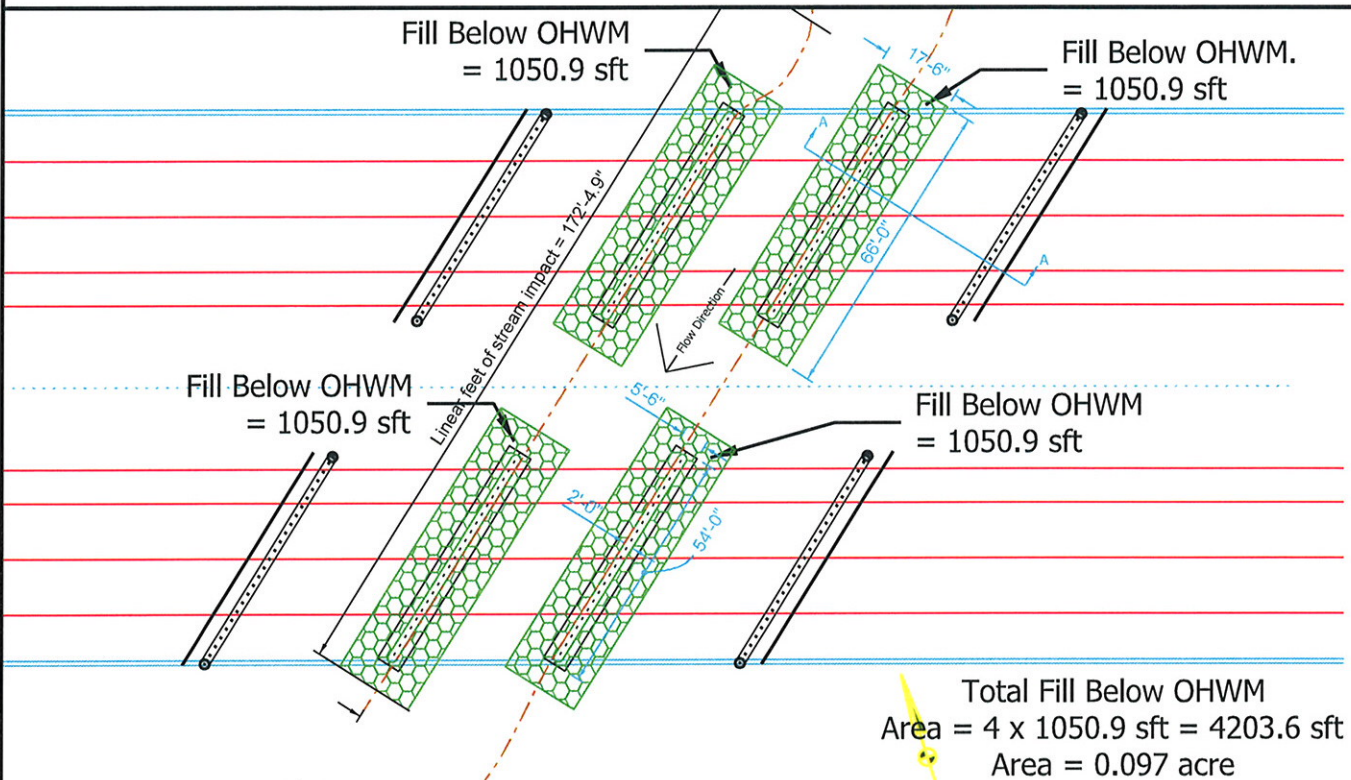
NOTE: R/W LINES NOT TO SCALE  
 SITE ACCESS LOCATIONS ARE WITHIN  
 SCALED RIGHT-OF-WAY



NOTE: R/W LINES NOT TO SCALE

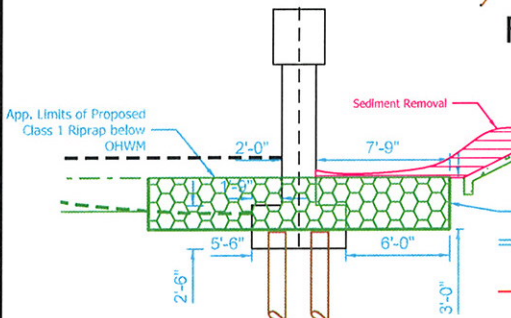
INDIANA		DEPARTMENT OF TRANSPORTATION		1-74 over Black Creek		Str. No. 174-30-04942 BEBL & BWBL	
RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE		SCALE	
DESIGNED: BEC		DRAWN: BEC		07/27/2010		AS NOTED	
CHECKED:		CHECKED:		PROJECT		BRIDGE FILE	
DATE		REVISION		SHEETS		DISCONTIN	
				1 of 1			
				PROJECT			

# 401\_404 Permit Application - Stream Impact Calculations I-74 over Black Creek



## FILL BELOW OHWM - PLAN

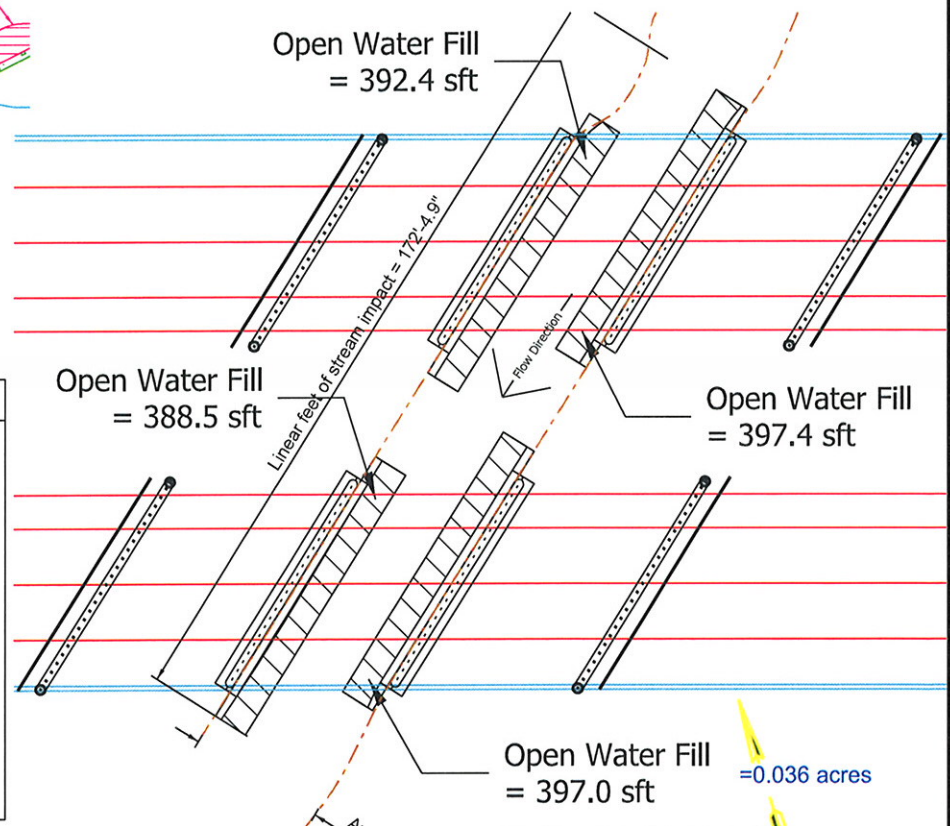
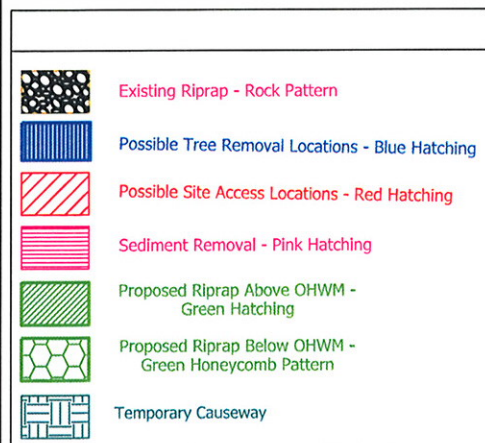
Scale: 1" = 40'



## FILL BELOW OHWM

### - ELEVATION

Not to Scale



## OPEN WATER FILL

Scale: 1" = 40'



**I 74**

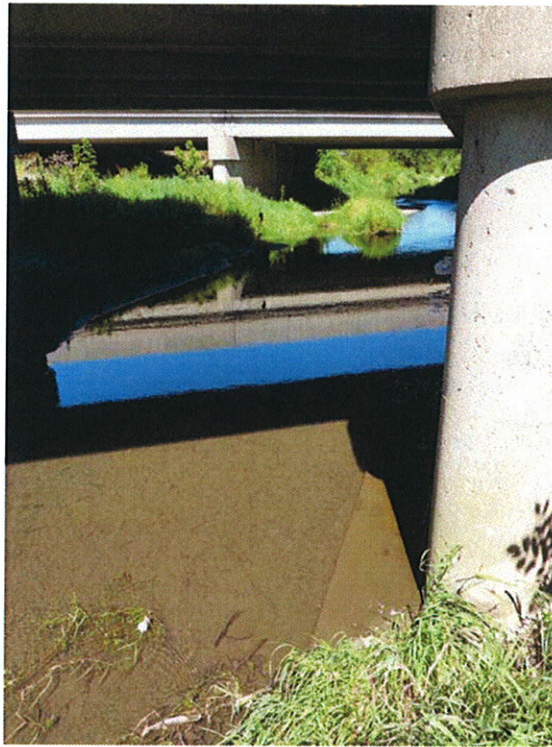


**1. Looking upstream**



**2. Looking downstream**





**3. Looking NE along W face of Pier 3 of EB structure**



**4. Looking NE between Pier 2 and Pier 3 under EB structure**